

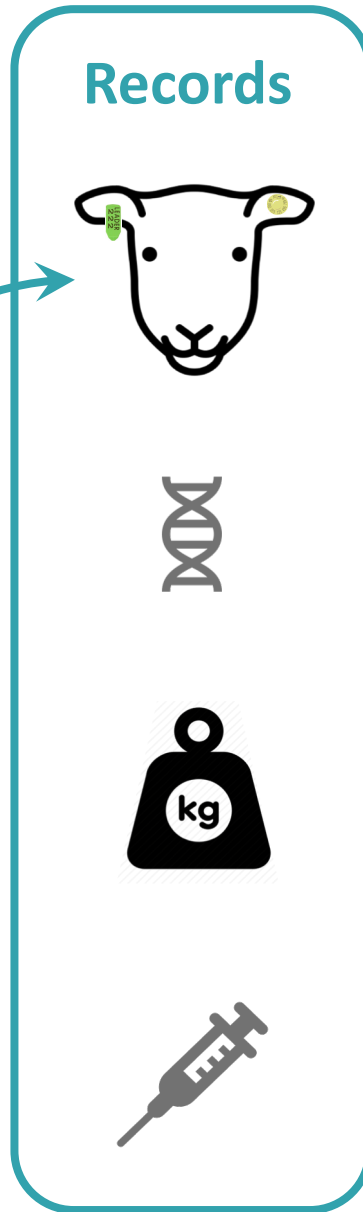
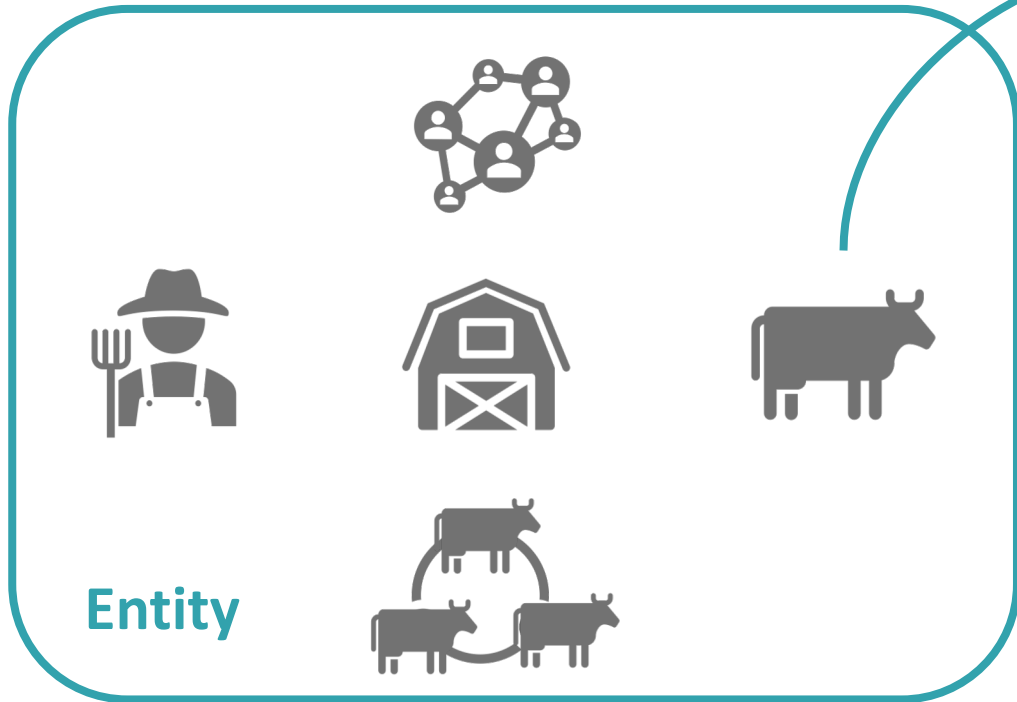


Project Dtree

abacusbio 

“With data we’re securing the world’s food supply”

Thinking differently!



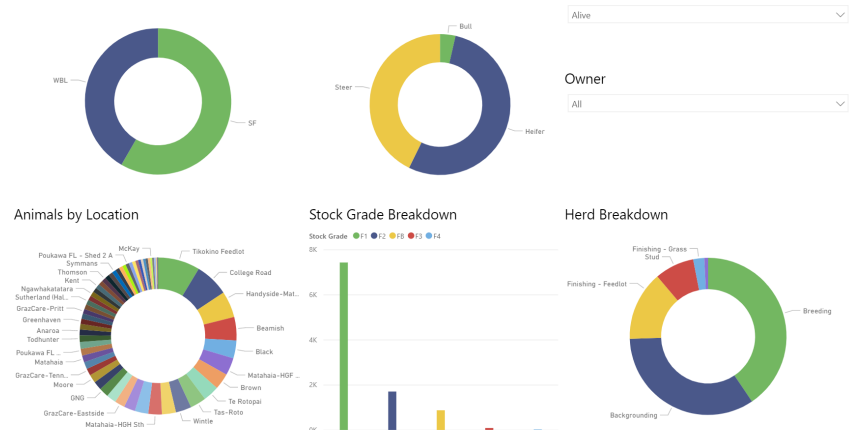
Events

- Birth time**
- Lambing
- Calving
- Kidding
- Parentage

- Weighing**
- Weaning
- Slaughter
- Sale

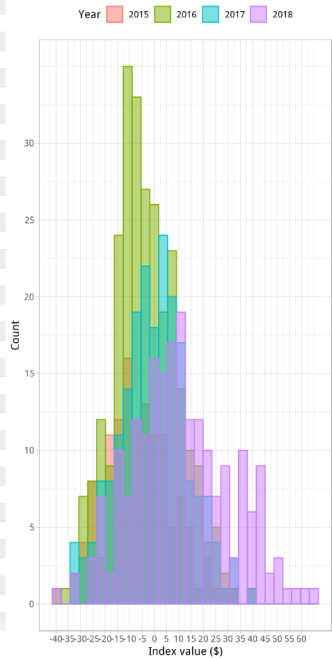
- Health occurrences**
- Vaccination
- Treatment
- Deworming
- Mortality

Creating useful information (multi-lingual, partnership based)



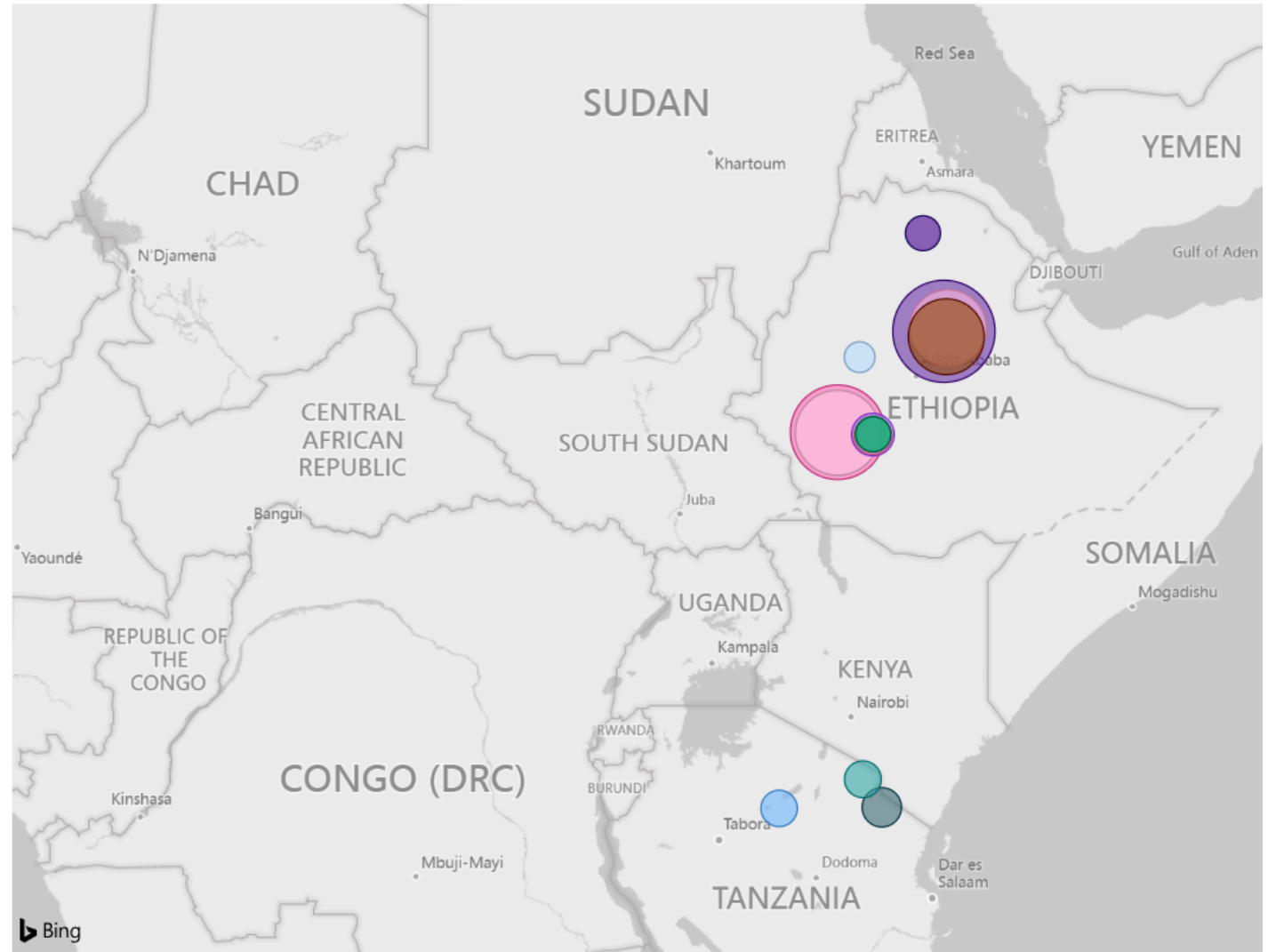
Accuracy	Gestation length BV	Gestation length Acc	Days to slaughter	Days to slaughter Acc	Marble score	Animal Tag, Year and Index
-2.04	0.99	-1.84	0.9	1.47		
1.86	0.64	-28.42	0.69	1.07		
-3.21	0.57	-4.64	0.71	1.17		
-0.64	0.98	-4.15	0.94	1.24		
-0.88	0.67	3.58	0.71	1.28		
1.17	0.66	-21.64	0.71	0.97		
-1.17	0.57	6.92	0.7	1.17		
-0.93	0.4	-39.91	0.64	0.52		
-1.54	0.68	-0.72	0.72	1.02		
-2.79	0.66	-19.8	0.71	0.67		
-1.62	0.67	0.93	0.7	0.97		
5.73	0.69	-5.21	0.7	1.1		
-2.91	0.67	10.94	0.7	1.01		
-2.19	0.51	0.6	0.68	0.9		
1.09	0.58	-24.31	0.71	0.66		
-0.37	0.56	-3.06	0.67	0.9		
2.54	0.54	-3.13	0.72	0.98		
0.24	0.45	-2.39	0.42	0.92		
-0.58	0.6	-12.18	0.72	0.75		
-1.47	0.7	-0.55	0.73	0.88		
0.24	0.63	3.83	0.65	0.99		
-0.64	0.56	-14.22	0.73	0.72		
-1.23	0.49	26.29	0.76	1.22		
0.7	0.7	5.29	0.74	0.98		
1.12	0.66	8.49	0.71	1.03		
-1.07	0.67	-10.81	0.71	0.7		
0.15	0.38	-25.28	0.71	0.54		
-0.99	0.58	-8.28	0.73	0.73		
0.05	0.59	0.72	0.8	0.88		
-1.4	0.46	-0.18	0.66	0.81		
-1.79	0.71	11.73	0.74	0.96		
-1.07	0.64	9.39	0.85	0.94		
0.01	0.39	-9.14	0.69	0.71		
-0.36	0.66	15.49	0.71	1.02		
-1.57	0.64	-6.36	0.7	0.68		
0.75	0.65	7.11	0.60	0.70		

Genetic merit by year cohort



Animals by location

Village:



Uncertainty in food supply

Limited ability to track animals and their performance

Adding value through data capture



Food security through

Monitoring capability
Ability to plan and predict
Genetic progress
Integration of supply chain



INDIA: PROJECT MESHA, EMPOWERING WOMEN THROUGH GOAT BREEDING

- improve quality of life for people who use goat rearing as a source of income



ETHIOPIA AND TANZANIA THE SMALL RUMINANT POPULATION

- effective implementation of genetic improvement programs





THE UNIVERSITY of EDINBURGH
Royal (Dick) School of
Veterinary Studies

Supporting
Evidence-based
Interventions



UGANDA: PIGBOOST

- Bridging the gap between pig farmers, veterinarians, and extension services. Helping ensure wealth creation, wellbeing and economic sustainability for pig farmers

- Promoting traceability for farmers across the country, leveraging animal identification and animal health to offer value through information



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